

## CRYOCOOLER SERVICE REPORT

**Date of work:** 4-25-04

**Beamline:** 13

**Requestor:** M. Jagger

**Vessel serial no:** AMG01100/51

**Pump serial no:** 7-J-95

**Oxford series:** C

**Pump operating hours:** 33295.6

**Technician(s):** D. Ferguson (mechanical), G. Moonier/D. Burke (restart timer)

### Summary of work:

1. Pump bearing replace; impeller gap to 0.020"; bearing run-in per manual
2. Replace casters
3. Auto restart modification
4. Motor shaft housing cleaned with alcohol (removed slight oily residue)
5. Helium leak check on LN2 side: no leaks found.
6. Evacuate vessel jacket and 3 bayonet fittings

[Link to service request form](#)

[Link to copy of logbook notes](#)

[Link to LN2 pump manual](#)